

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A rolling bearing for supporting a shaft on which a fan is provided, comprising:

an inner ring having an inner ring race on an outer surface thereof;

an outer ring having an outer ring race on an inner surface thereof;

a plurality of balls provided between the inner ring race and the outer ring race;

and

a retainer which keeps the balls apart each other in a circumferential direction,

wherein an inner diameter of the bearing is set to be 3 mm or more and 17 mm or less,

an outer diameter of the bearing is set to be 8 mm or more and 40 mm or less,

when a thickness t_i is defined between a bottom surface of the inner ring race and the inner surface of the inner ring, and a thickness t_e is defined between a bottom surface of the outer ring race and the outer surface of the outer ring, a relationship $t_e \geq 1.24 t_i$ is satisfied, and

a residual austenite content in the inner ring is 7 wt % or less.

2. (original): The rolling bearing according to claim 1, the rolling bearing further comprising: a sealing member provided on the inner surface of the outer ring,

wherein a grease is enclosed in space inside the bearing.

3. (canceled). The rolling bearing according to claims 1 or 2, wherein the outer surface of the inner ring is shaped in substantially cylindrical surface at area thereof except the inner ring race.

4. (canceled). The rolling bearing according to any one of claims 1 to 3, wherein the inner diameter of the bearing, the outer diameter of the bearing and a width of the bearing are the same as the dimension of standard bearing according to ISO.

5. (canceled). A motor having the motor rotary shaft supported by the rolling bearing according to any one of claims 1 to 4.

6. (new): The rolling bearing according to claim 1, wherein the outer surface of the inner ring is shaped in substantially cylindrical surface at area thereof except the inner ring race.

7. (new): The rolling bearing according to claim 2, wherein the outer surface of the inner ring is shaped in substantially cylindrical surface at area thereof except the inner ring race.

8. (new): The rolling bearing according to claim 1, wherein the inner diameter of the bearing, the outer diameter of the bearing and a width of the bearing are the same as the dimension of standard bearing according to ISO.

9. (new): The rolling bearing according to claim 2, wherein the inner diameter of the bearing, the outer diameter of the bearing and a width of the bearing are the same as the dimension of standard bearing according to ISO.

10. (new): The rolling bearing according to claim 6, wherein the inner diameter of the bearing, the outer diameter of the bearing and a width of the bearing are the same as the dimension of standard bearing according to ISO.

11. (new): A motor having the motor rotary shaft supported by the rolling bearing according to claim 1.

12. (new): A motor having the motor rotary shaft supported by the rolling bearing according to claim 2.

13. (new): A motor having the motor rotary shaft supported by the rolling bearing according to claim 6.

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14. (new): A motor having the motor rotary shaft supported by the rolling bearing according to claim 8.

15. (new): The rolling bearing according to claim 2, wherein the grease is a urea-based grease.